



# HIL Systems Engineer - Automotive

**Workplace:** 418 32, Gothenburg

[Apply online!](#)

## What to expect:

- Develop, configure, and maintain HIL test environments
- Integrate ECUs, restbus simulations, and I/O interfaces
- Set up and maintain HIL test benches and infrastructure
- Support system integration, debugging, and fault analysis
- Collaborate with software, system, and verification teams
- Contribute to continuous improvement of HIL methods and processes

## What you bring along:

- Experience as a HIL Systems Engineer or similar role within automotive
- Hands-on experience with HIL environments and system integration
- Knowledge of automotive communication protocols (CAN, LIN, FlexRay)
- Experience with HIL tools (e.g. dSPACE, Vector, NI, or similar)
- Structured and analytical working style
- Proactive and solution-oriented mindset
- Fluent in English and Swedish
- Valid work permit for Sweden

## About the role

We are looking for a HIL Systems Engineer to strengthen system verification and validation activities. The role focuses on building, maintaining, and operating Hardware-in-the-Loop (HIL) environments supporting automotive development projects.

With more than **54 locations throughout Europe**, the **Bertrandt Group** has been providing **engineering and development solutions** for the international **automotive and aerospace industries** since **1974**. More than **12,000 employees** use

their **know-how** and **innovative strength** every day to support our customers – **leading manufacturers and OEMs** – with integrated solutions in **management, design, and industrialization**.

**Bertrandt is now expanding into Sweden**, establishing a **strong and future-oriented presence in Gothenburg**. Our activities cover a **spectrum of expertise** from **electrical, electronics, and software development** to **design engineering, project management, quality, industrialization, and validation**, all driven by **innovation** and a **passion for technology**.

#### What we offer:



Flexible working  
hours



Training programs



Employee events



Attractive  
compensation



Team-oriented  
work



#### Contact:

Denisa Virag

Tel.:

[www.bertrandt.com/en/career](http://www.bertrandt.com/en/career)

#### Share:

